

Turns Out Water is Important

Course Description

This class is a combination of lecture and discussion. Classes will focus on how natural water systems work, how man has created problems for our water resources, and what we can do and have done to solve those problems. There will be several invited lectures from experts in water resources, and a field trip to an outstanding stormwater management installation,

Weekly Layout:

Introductions and Watersheds

The Water Cycle

Hydrology and Land Use

Healthy Stream Processes

The Water You Drink

Acid Rain

Nutrient Pollution

Invited Lecture - Kim Hachadoorian, The Nature Conservancy in Delaware - Citizen Science

Eutrophication and Harmful Algal Blooms

Field Trip - Dean Hayes, Environmental Engineer, Pilot School - Stormwater Management

Invited Lecture - Dave Bressler - Stroud Water Research Center

Microplastics

Aquatic Biota